

Abstract

A radio communication device includes a communication data selection unit (202) for selecting from the received radio communication data containing communication time reservation request information in which a time slot for performing data transmission source radio communication device is described and a communication information analysis unit (204) for extracting an identifier of the source radio communication device and the data transmission reservation time slot from the communication time reservation request information in the radio communication data. When the received radio communication data is addressed to the local device, a communication/response information generation unit (207) correlates the identifier to the reservation time slot, records them in a communication reservation table (206), and generates communication time reservation response information including information of the reservation time slot. A transmitting unit (211) transmits the communication time reservation response information. Thus, it is possible to report a communication time slot used by the local device to a radio communication device of the communication request source and a radio communication device in the surrounding transmittable area. Accordingly, the other radio communication devices can avoid this time slot and it is possible to eliminate communication collision.